

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A ~~polysulfone-type~~ selectively permeable hollow fiber membrane comprising a polysulfone-based type resin and a hydrophilic polymer as main components, ~~characterized in that wherein~~

(A) the content of the hydrophilic polymer in the uppermost layer of ~~a~~ an inner surface of the ~~polysulfone-type~~ hollow fiber membrane ~~on the blood-contacting side~~ is at least 1.1 times ~~larger than~~ the content of the hydrophilic polymer in the proximate layer of said inner surface ~~on the blood-contacting side~~, and

(B) the content of the hydrophilic polymer in the uppermost layer of ~~the other surface of the polysulfone-type~~ an outer surface of the hollow fiber membrane, ~~i.e., the reverse side of the surface on the blood-contacting side~~, is at least 1.1 times ~~larger than~~ the content of the hydrophilic polymer in the uppermost layer of said inner surface ~~on the blood-contacting side~~.

2. (Currently Amended) The hollow fiber membrane of claim 1, wherein said uppermost layer of the inner surface of the ~~polysulfone-type~~ hollow fiber membrane ~~on the blood-contacting side~~ is a layer between the ~~blood-contacting inner~~ surface and a position present at a depth of 10 nm from the ~~blood-contacting inner~~ surface, and wherein said proximate layer is a layer between the ~~blood-contacting inner~~ surface and a position present at a depth of 1,000 to 1,500 nm (1 to 1.5 μ m) from the ~~blood-contacting inner~~ surface.

3. (Currently Amended) The hollow fiber membrane of claim 1, wherein the content of the hydrophilic polymer in the ~~polysulfone type~~ hollow fiber membrane is 20 to 40 mass % at the uppermost layer of the inner surface of the membrane ~~on the blood-contacting side~~, 5 to 20 mass % at the proximate layer thereof, and 25 to 50 mass % at the uppermost layer of the ~~other~~ outer surface of the membrane, ~~i. e., the reverse side of the surface on the blood-contacting side.~~

4. (Currently Amended) The hollow fiber membrane of claim 1, comprising 99 to 80 mass % of the polysulfone-based ~~type~~ resin and 1 to 20 mass % of the hydrophilic polymer as the main components.

5. (Previously presented) The hollow fiber membrane of claim 1, wherein the hydrophilic polymer is polyvinyl pyrrolidone.

6. (Previously presented) The hollow fiber membrane of claim 1, wherein the amount of the hydrophilic polymer eluted from the hollow fiber membrane is 10 ppm or less.

7. (Previously presented) The hollow fiber membrane of claim 1, wherein the rate of pore area of the outer surface of the hollow fiber membrane is 8% to less than 25%.

8. (Previously presented) The hollow fiber membrane of claim 1, wherein the hydrophilic polymer is crosslinked so as to be insoluble in water.

9. (Currently Amended) ~~The hollow fiber membrane of claim 1, for use in a~~ A blood purifier comprising at least one hollow fiber membrane of claim 1.